

Evaluation Report for Category B, Subcategory 1.2 Application

Application Number: 2014-1955
Application: New Technical Grade Active Ingredient by a New Registrant
Product: Tabex 56 Granular
Registration Number: 32454
Active ingredients (a.i.): available chlorine, present as sodium dichloro-s-triazinetriene
PMRA Document Number: 2684676

Background

The purpose of this application was to register a new source of the technical grade active ingredient, available chlorine, present as dichloro-s-triazinetriene, by a new registrant.

Chemistry Assessment

Common Name: Available chlorine, present as sodium dichloro-s-triazinetriene
IUPAC* Chemical Name: sodium 1,5-dichloro-4,6-dioxo-1,3,5-triazinan-2-olate
CAS† Chemical Name: 1,3,5-triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt (1:1)

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Tabex 56 Granular has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	56% available chlorine
Odour	Pungent chlorine
Density	0.85 – 0.93 g/mL
Vapour pressure	Negligible
pH	5.5 – 5.6
Solubility in water	30 g/100 mL
n-Octanol/water partition coefficient	N/A – insoluble in organic solvents

The required chemistry data for Tabex 56 Granular have been provided, reviewed, and found to be acceptable.

Health and Environmental Assessments

As the new source of available chlorine, present as dichloro-s-triazinetrione is chemically equivalent to registered sources, the health and environmental risk profiles are expected to be similar to that of the products used to determine chemical equivalence. No additional assessments were required.

Value Assessment

A value assessment is not required for technical grade active ingredient products.

Conclusion

The PMRA has completed an evaluation of the subject application and has determined that it can support the registration of Tabex 56 Granular.

References

- 2430560 2014, Chemistry Requirements, DACO: 2.1,2.2,2.3,2.3.1,2.4,2.5,2.6,2.7,2.8,2.9 CBI
2014, Manufacturing and Physical Properties, DACO:
2.11.1,2.11.2,2.11.3,2.11.4,2.12.1,2.13.1,2.13.2,2.13.4,2.14.1,2.14.10,2.14.11,2.14.12,2.
2430562 14.13,2.14.2,2.14.3,2.14.4,2.14.5,2.14.6,2.14.7,2.14.8,2.14.9 CBI
- 2430563 2014, Batch data - C of As, DACO: 2.13.3 CBI
- 2449635 2014, Revised Manufacturing Methods, DACO: 2.11.2,2.11.3,2.13.3,2.13.4 CBI
- 2467109 2014, Revised Data with Further details, DACO: 2.13.3 CBI
- 2605126 2016, New C of A, DACO: 2.13.3 CBI
- 2641130 2016, Odour clarification, DACO: 2.14.3 CBI
- 2641131 2016, Water Solubility Clarification, DACO: 2.14.7 CBI

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